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SPECIAL DATA COLLECTION SYSTEM (SDCS), EASTERN KAZAKH SSR, 25 --ETC(U)

F08606-78-C-0007

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SDCS-ER-77-135

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SPECIAL DATA COLLECTION SYSTEM (SDCS)
Eastern Kazakh, SSR, 25 April 1977

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Michael S. Dawkins

Alexandria Laboratories

Teledyne Geotech, 314 Montgomery Street, Alexandria, Virginia 22314

April 1978

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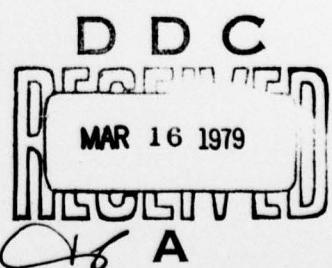
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JCB

SDCS Event Report No. 135

Eastern Kazakh, SSR, 25 April 1977

This event report contains seismic data from the Special Data Collection System (SDCS), and other sources for the above event. Published epicenter information from seismic observations is:

	"P" Arrival	Origin Time	Latitude	Longitude	m_b	M_s
LASA	04:19:31.0	Not reported	47.5N	078.9E	5.2	N/A
Hagfors	04:14:08.9	04:06:37	48N	081E	5.2	N/A
SDAC/VELA		04:06:59.9	49.8N	078.3E	5.0	N/A

All SDCS stations were operational during this time period. Positive short-period signals were recorded at RK-ON and OB2NV. YF-NV, YF4NV, and HN-ME were negative. Horizontal channels were rotated. Long-period at those stations recording such were negative.

LASA and NORSAR data were recoverable from the SDAC/VELA Network detection processor. Short-period data at both networks were positive; long-period data were negative.

Epicenter information for LASA is from the LASA Data Center Teleseismic Report. Hagfors' is from their bulletin, and the SDAC/VELA data is from their summary.

Scaling factors on plots are millimicrons at 1 Hz (not corrected for instrument response).

ACCESSION FOR	
RTB	White Section <input checked="" type="checkbox"/>
ORG	Buff Section <input type="checkbox"/>
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JUSTIFICATION	
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STATION DESCRIPTION

SITE CODE	LOCATION	SITE COORDINATES DEG MN SEC'S	ELEVATION METERS	INSTRUMENTATION SHORT-PERIOD LONG-PERIOD
HN-ME	Houlton, Maine	46 09 43.0 N 067 59 09.0 W	213	KS36000 KS36000
RK-ON	Red Lake, Ontario	50 50 20.0 N 093 40 20.0 W	366	18300 SL210 V SL220 H
OB2NV	Nevada Test Site	37 13 31.0 N 116 03 28.0 W	1542	18300 N/A
OB3NV	Nevada Test Site	37 13 57.0 N 116 03 15.0 W	1609	18300 (Vert. only) N/A
YF-NV	Nevada Test Site	37 04 06.0 N 116 00 07.0 W	1271	18300 N/A
YF2NV	Nevada Test Site	37 04 10.0 N 116 00 44.0 W	1260	18300 (Vert. only) N/A
YF4NV	Nevada Test Site	37 04 29.0 N 116 02 12.0 W	1244	18300 N/A
YF3NV	Nevada Test Site	37 04 22.0 N 116 01 27.0 W	1254	18300 (Vert. only) N/A
LASA	Billings, Montana	46 41 19.0 N 106 13 20.0 W	744	HS10 7505A V 8700C H
NORSAR	Kjeller, Norway	60 49 25.4 N 010 49 56.5 E	379	HS10 7505A V 8700C H

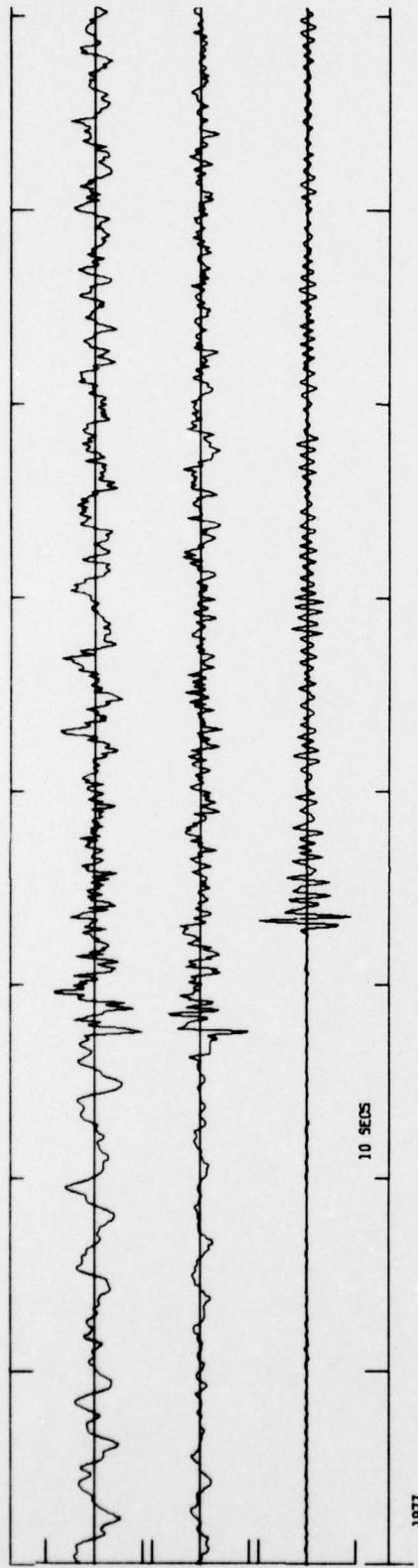
PREDA -- TRAVEL TIME PREDICTIONS --

25APR INPUT FOR EVENT 25 APR 77
 04:07:00.0 50.000N 78.000E 0KM.

STA.	TIME	TRAV. TIME	SURF(OKM.)		DIST		AZI
			DEG.	KM.	EVT-STA	STA-EVT	
HFS P	04 14 07.8	7:07.8	36.74	4084.9551	311.062	76.455	
NAO P	04 14 18.1	7:18.1	37.94	4219.0937	312.739	75.300	
RK-ON P	04 19 06.2	12:06.2	79.29	8816.4062	354.637	5.458	
HN-ME P	04 19 08.9	12:08.9	79.78	8870.9805	336.729	21.519	
LAO P	04 19 29.2	12:29.2	83.62	9298.5273	2.923	357.260	
OB2NV P	04 20 11.1	13:11.1	92.2610259.4023		11.188	350.975	
YF4NV P	04 20 11.8	13:11.8	92.4210276.1641		11.195	350.987	
YF-NV P	04 20 11.9	13:11.9	92.4310277.3516		11.169	351.009	

67 HERRIN TRAVEL TIME TABLES

SURF		
2	.	4
2	:	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0



1977
115/413.50.0

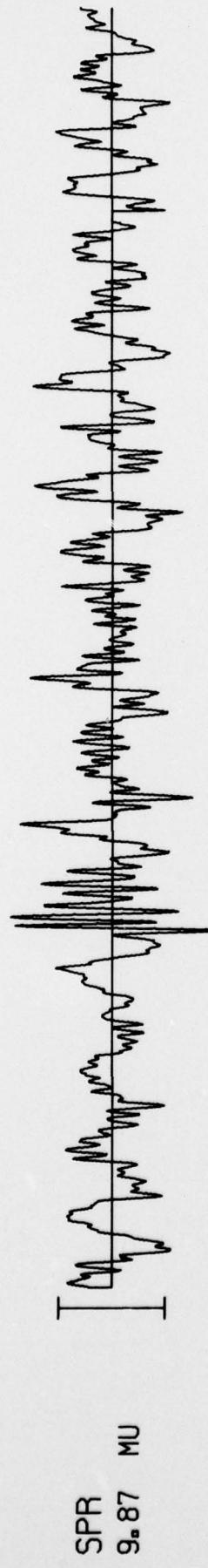
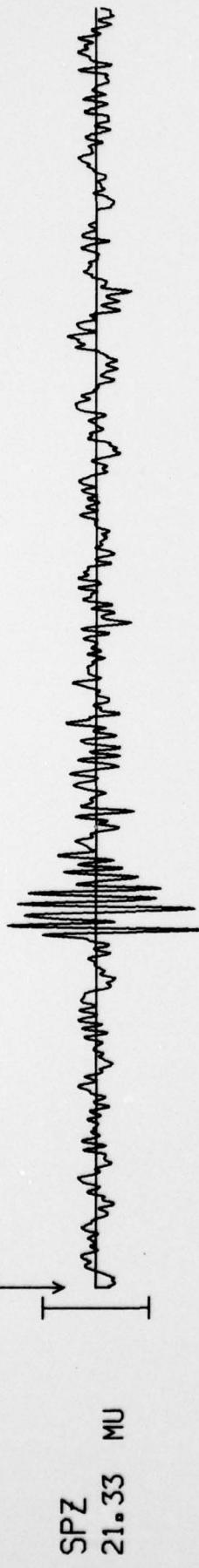
TIME 5.0 SEC/UNIT
1 MM
UNIT

NORSAR SHORT

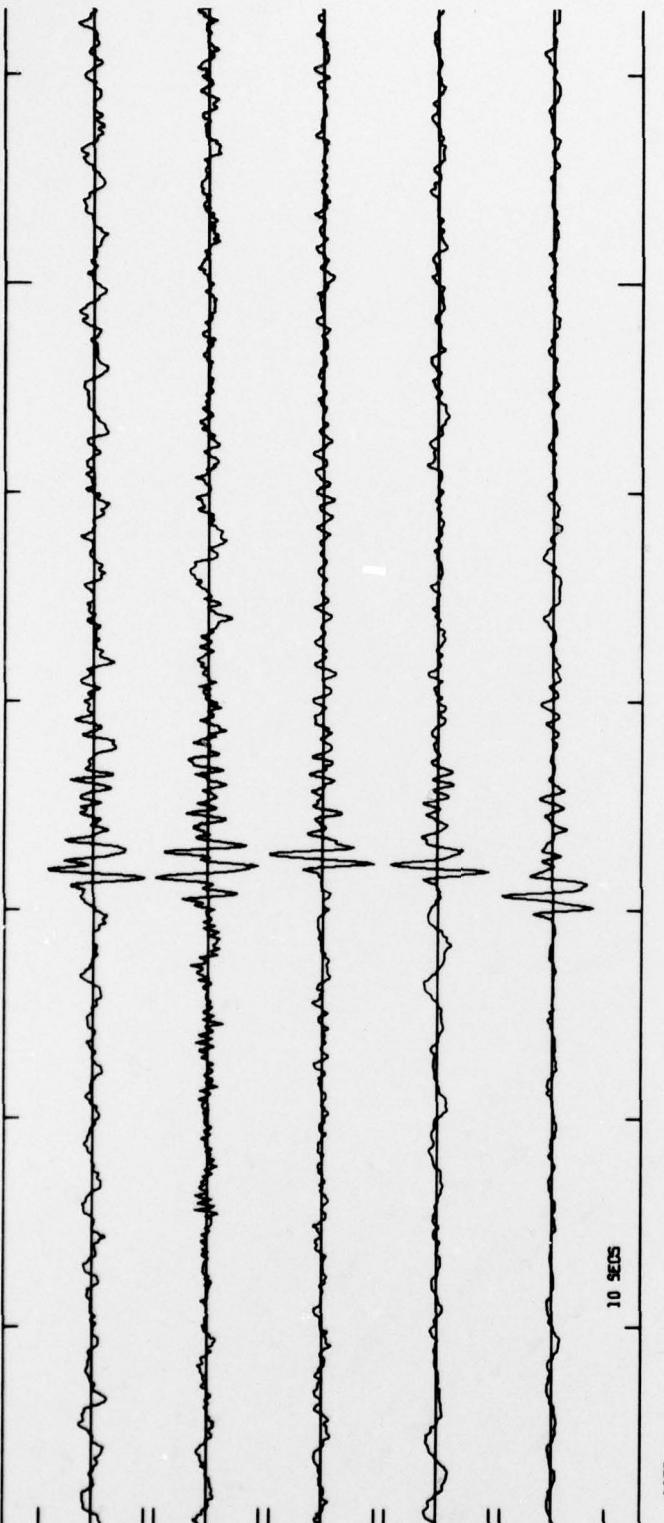
PERIOD BEAMS

25 APR 77

RK-ON 25 APR 77
04:18:50.0



10 SEC



25 APRIL 1977
LASA SHORT PERIOD

1977
11:54:19.0.0

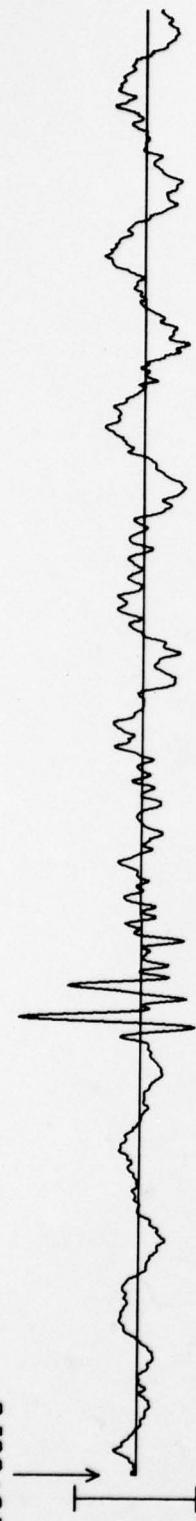
TIME 5.0 SECONDS
11:55:19.0.0



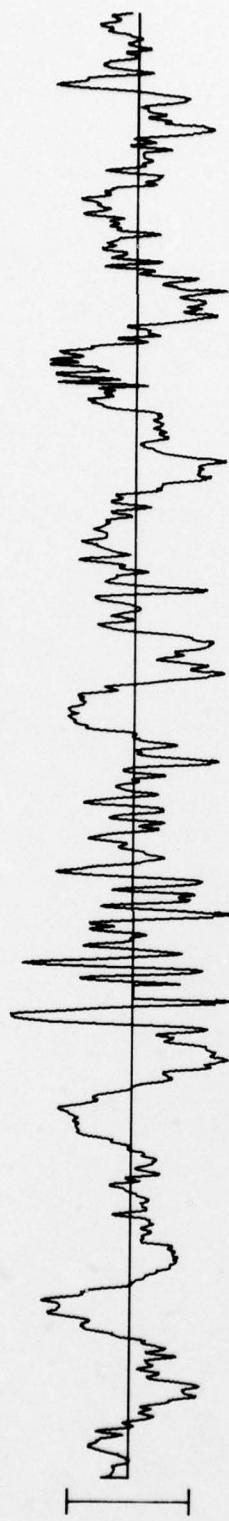
OB2NV 25 APR 77

04:19:55.0

SPZ
11.25 MU



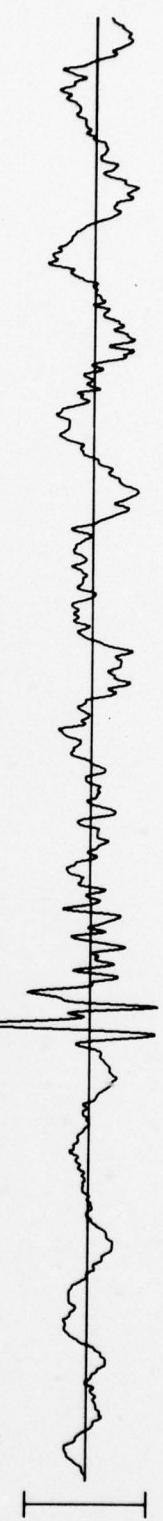
SPR
2.61 MU



SPT
2.75 MU



OB3NV
607.07 MU



10 SEC